

gene	size cDNA and CT	method for CT	size	direction	oligonucleotide sequence 5' to 3'	gene acc. no.
CAI1011 CT	496	enzyme Hpa II	20	sense	GGTGAAGGTGGAGTCAACG	J04038
IL-2 CT	149	Insert DNA	20	antisense	CAAAGTTGTCATGGATGACC	K02055
IL-4 CT	227	primer deletion	20	sense	CCTCTGAGGAGAGTGCTAAA	M23442
IL-7 CT	159	4-primer	21	antisense	ATGGTTGCTGTCTCATCAGC	J04155
IL-8 CT	271	double sense	22	sense	TTCTACAGCCACCATGAGAAG	M29932
IL-10 CT	242	enzyme Ssp I	25	antisense	CAGCTCGAACACTTTGAATAT	X78437
IL-15 CT	409	enzyme BstBI	22	sense	TTAGGTATATCTTTGGACTTCCTC	X91271
IL-17 CT	309	enzyme EcoO109 I	25	antisense	~TGTTCTTTAGTCCCATCAA	U32659
IL-18 CT	471	enzyme Ava II	18	sense	TCTCTTGGCAGCCTTCTCT	M31051
IL-19 CT	369	enzyme Ode I	24	antisense	AATTCAGCCTCTTCAAAAACCTT	M26079
IL-20 CT	358	4-primer	17	sense	CCGTGGAGCAGGTGAAG	U11021
IL-21 CT	321	Insert DNA	20	antisense	AAGCCAGAGACAAGATA	X14805-91
IL-22 CT	246	enzyme Alu I	22	sense	CCGTGGCTTTGAGTAATGAG	A02137
IL-23 CT	230	4-primer	19	antisense	CAGATCTGTATACATTCCC	M26079
IL-24 CT	216	double sense	17	sense	GGAGGCCATAGTGAAGG	M21112
IL-25 CT	207		17	antisense	GGGTGGCTCTCCATAG	
IL-26 CT	231		18	sense	CGGTCACTCAACAGG	
IL-27 CT	225		24	antisense	CTGCCGTGGATGCTATG	
IL-28 CT	210		24	sense	GGGGAAGCTCCATAAATGTACCT	
IL-29 CT	222		18	antisense	TACACACAAGAGGGCCTCCACAGT	
IL-30 CT	216		18	sense	GCCTGTCTCTCTTGTGA	
IL-31 CT	216		20	antisense	GCCACCTCTTATACTT	
IL-32 CT	216		20	sense	CTCGGATCTCTGTGCTATT	
IL-33 CT	216		22	antisense	CTCAGAGTTTGTGTGTTG	
IL-34 CT	216		22	sense	CCAGAGCATCCAAAGAGTGTG	
IL-35 CT	216		22	antisense	CTAGTTGGCCCTGAGATAAAG	
IL-36 CT	216		20	sense	GCAATGCCAGTGCCCGCCAGCC	
IL-37 CT	216		22	antisense	TTTCACATTCTGGCTCTGTTGG	
IL-38 CT	216		20	sense	CGGCACGCTCGGTGTCATC	
IL-39 CT	216		19	antisense	TGTAATCCGGAACCCATT	

FIGURE 1

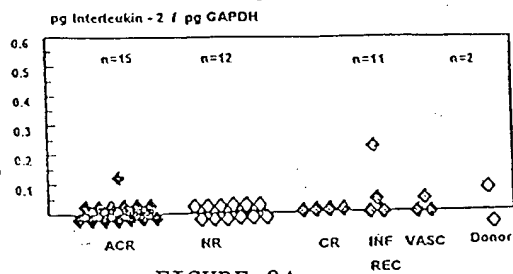


FIGURE 2A

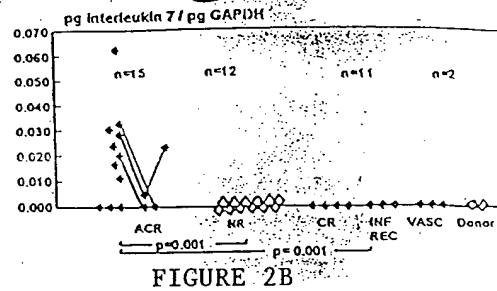


FIGURE 2B

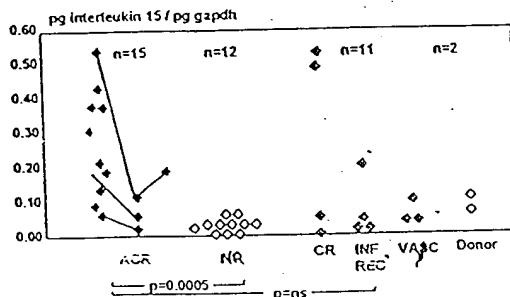


FIGURE 2C

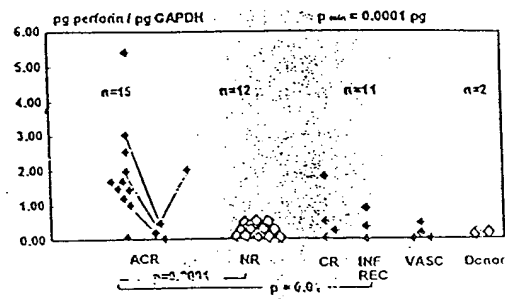


FIGURE 2D

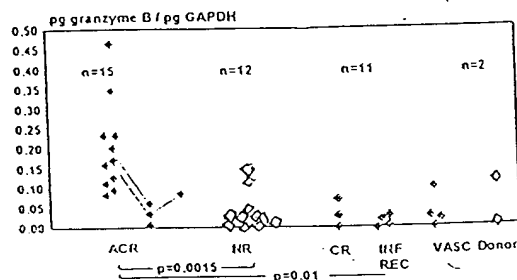


FIGURE 2E

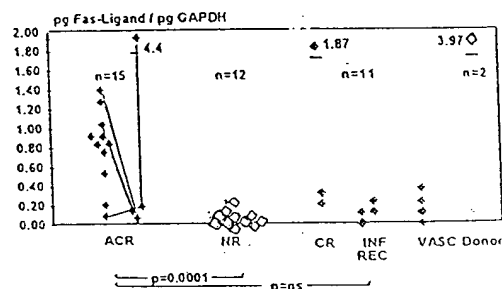


FIGURE 2F

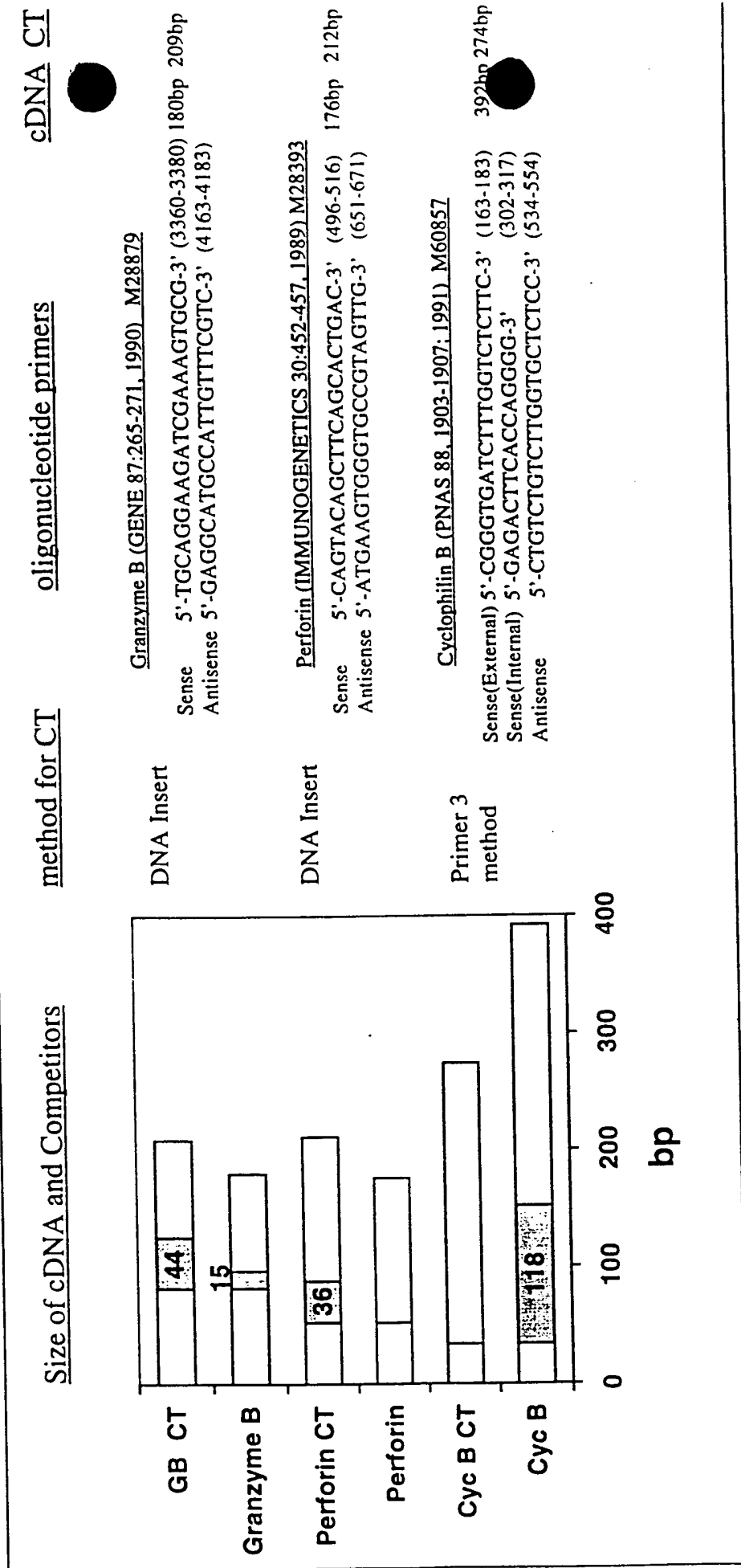


Figure 3

A. Perforin mRNA

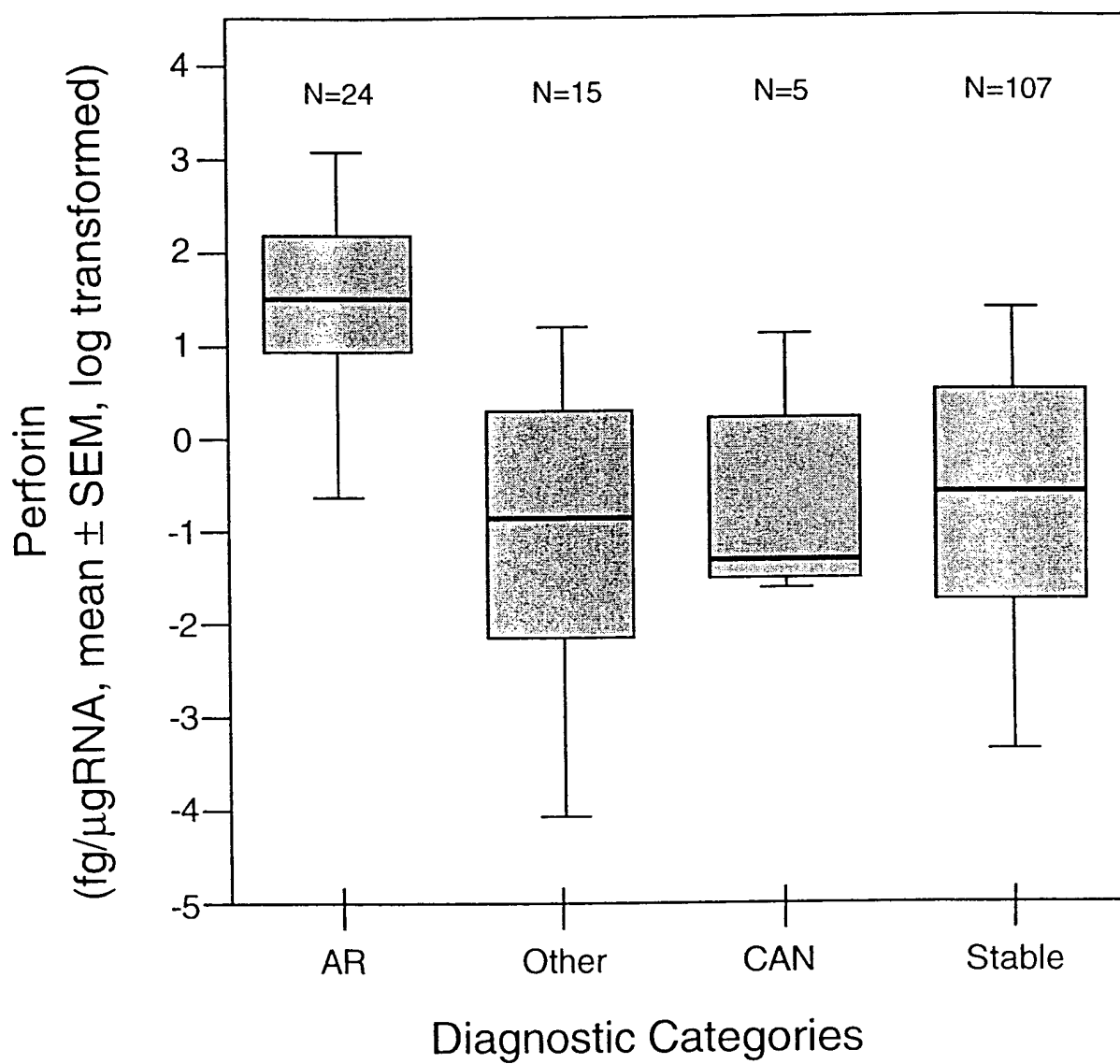


Figure 4A

B. Granzyme B mRNA

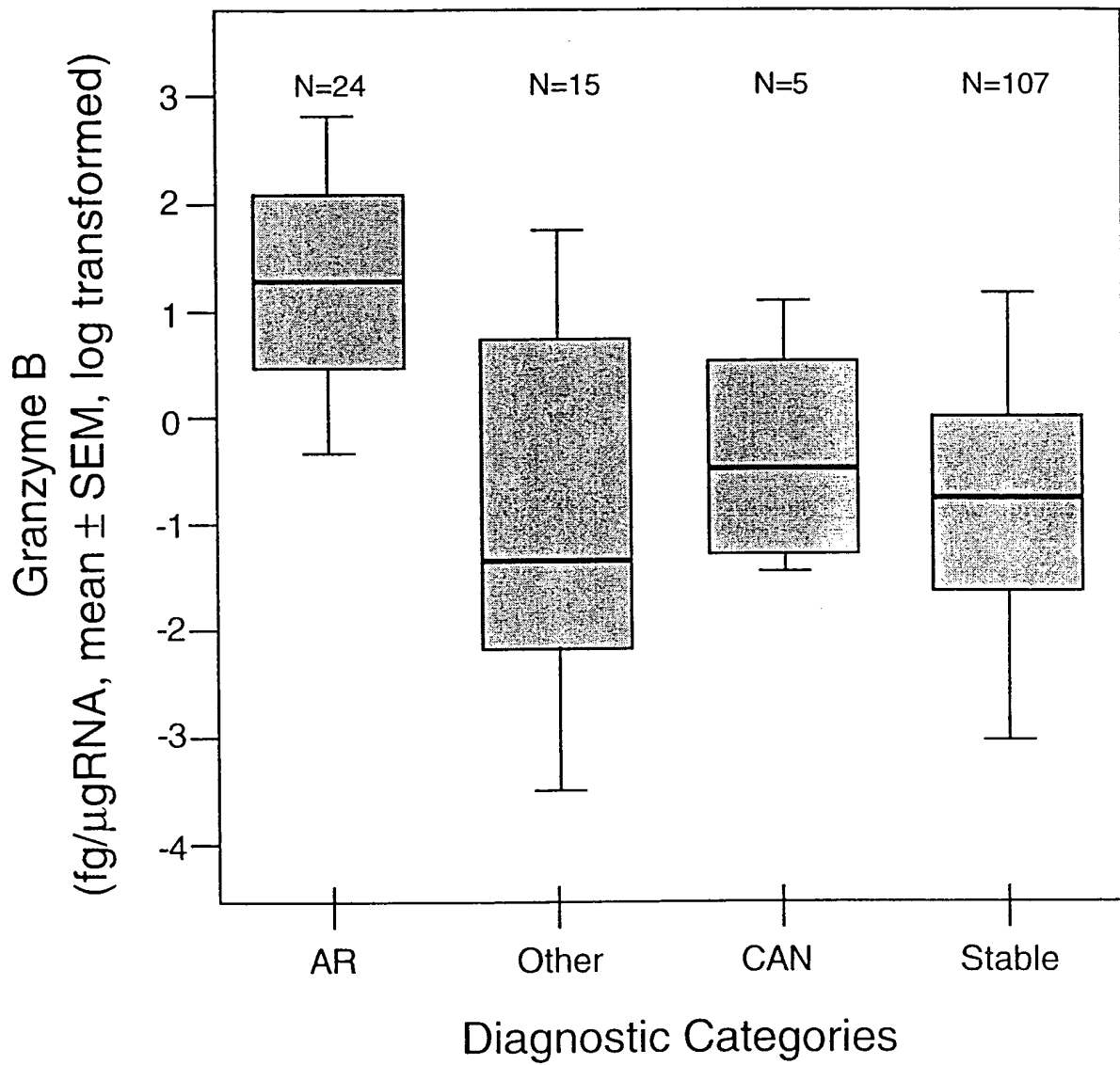


Figure 4B

C. Cyclophilin B mRNA

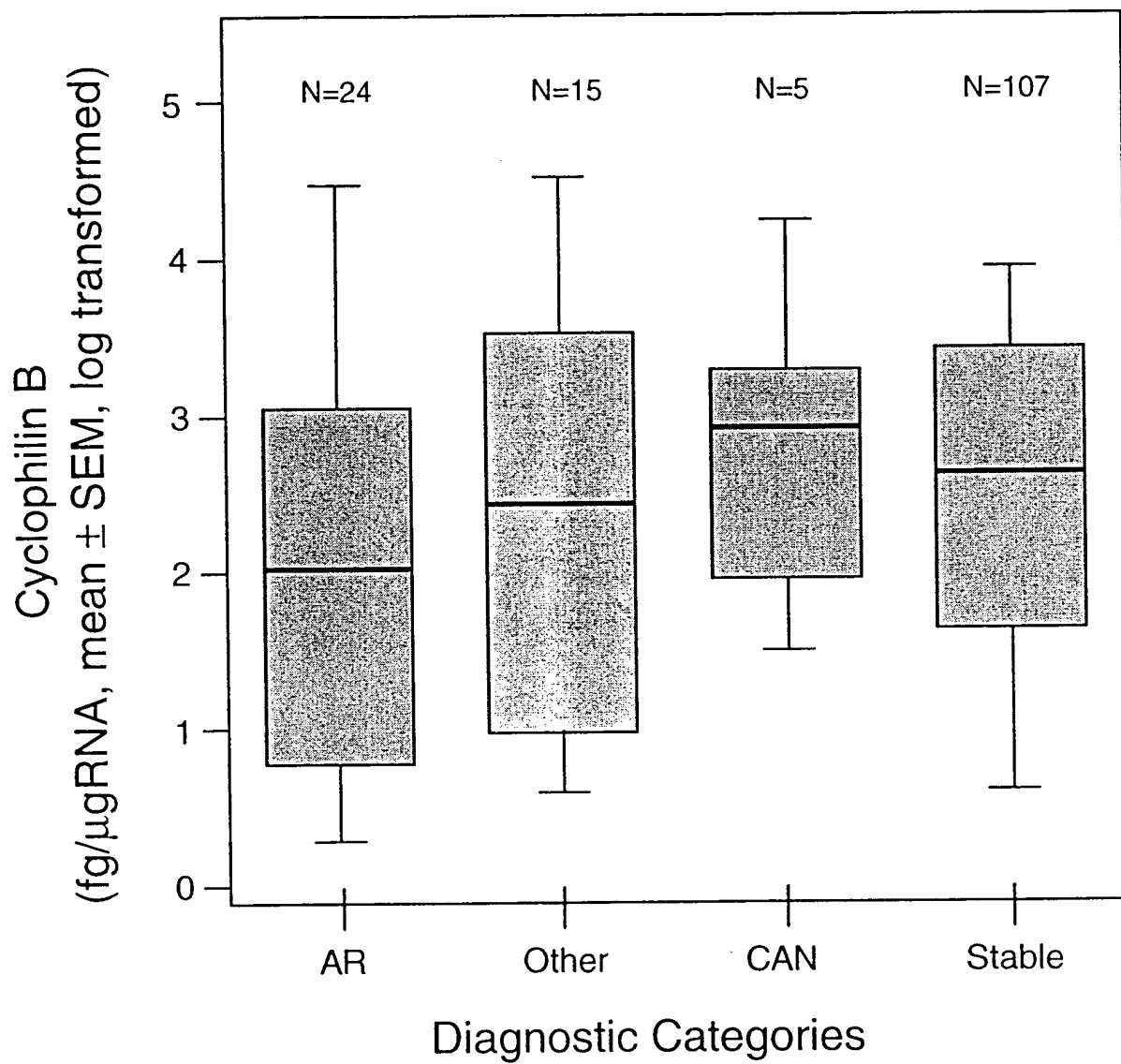


Figure 4C

A. Perforin mRNA

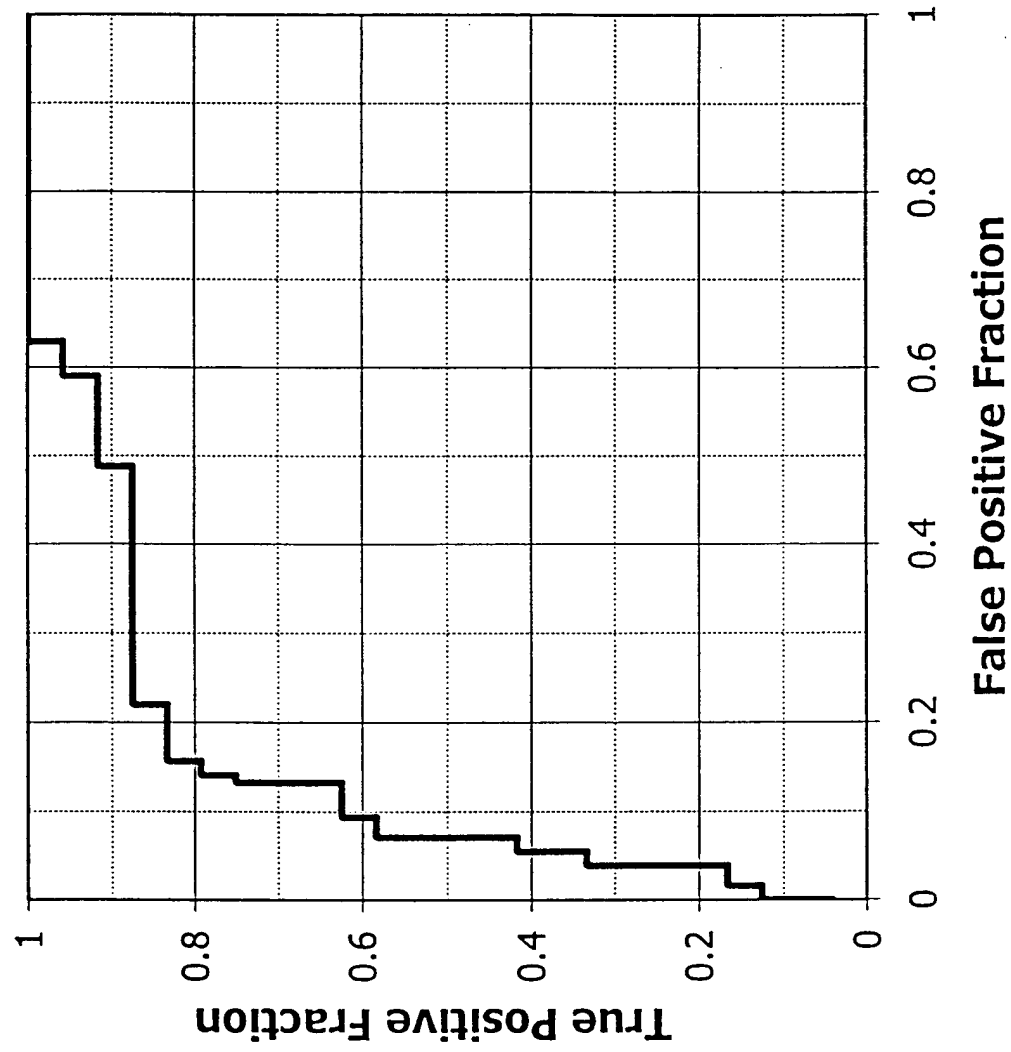


Figure 5A

B. Granzyme B mRNA

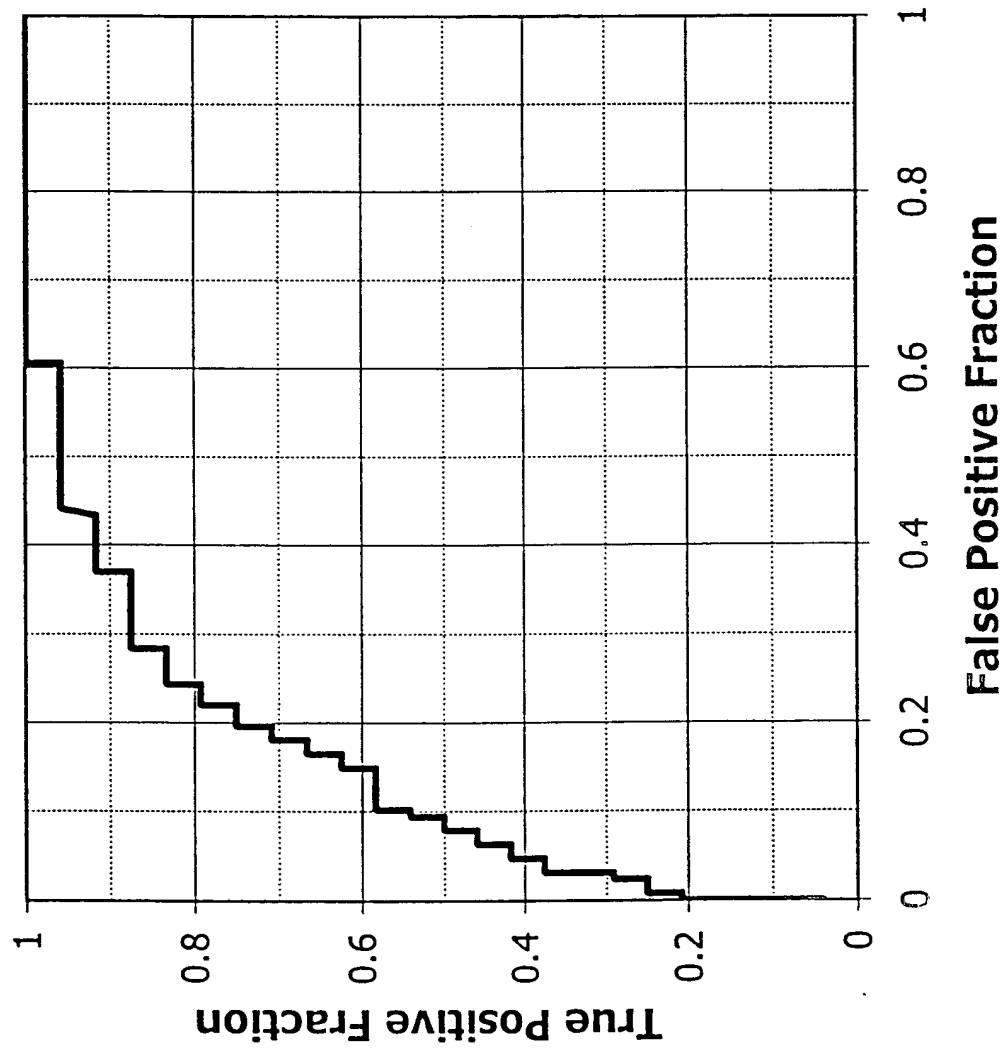


Figure 5B

103020" 22222222

C. Cyclophilin B mRNA

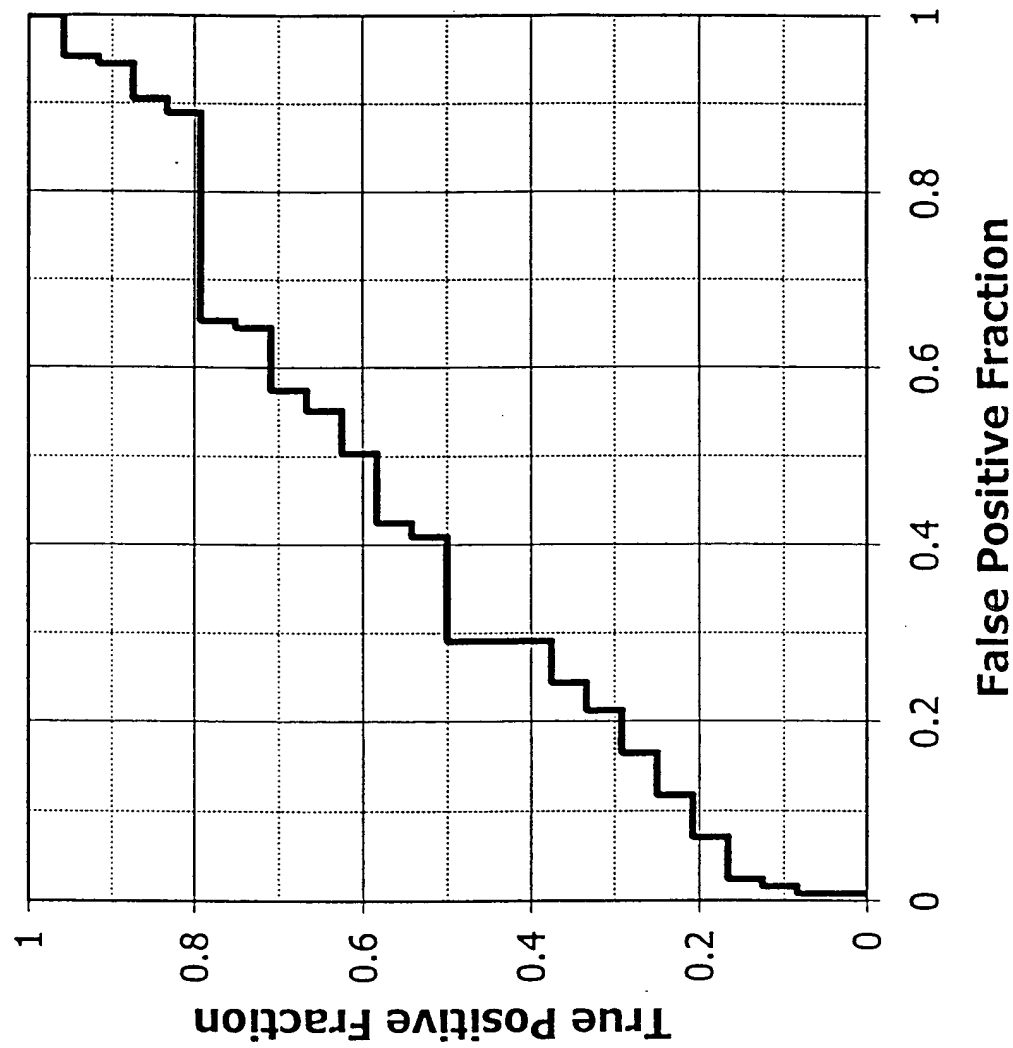


Figure 5C

A. Perforin mRNA

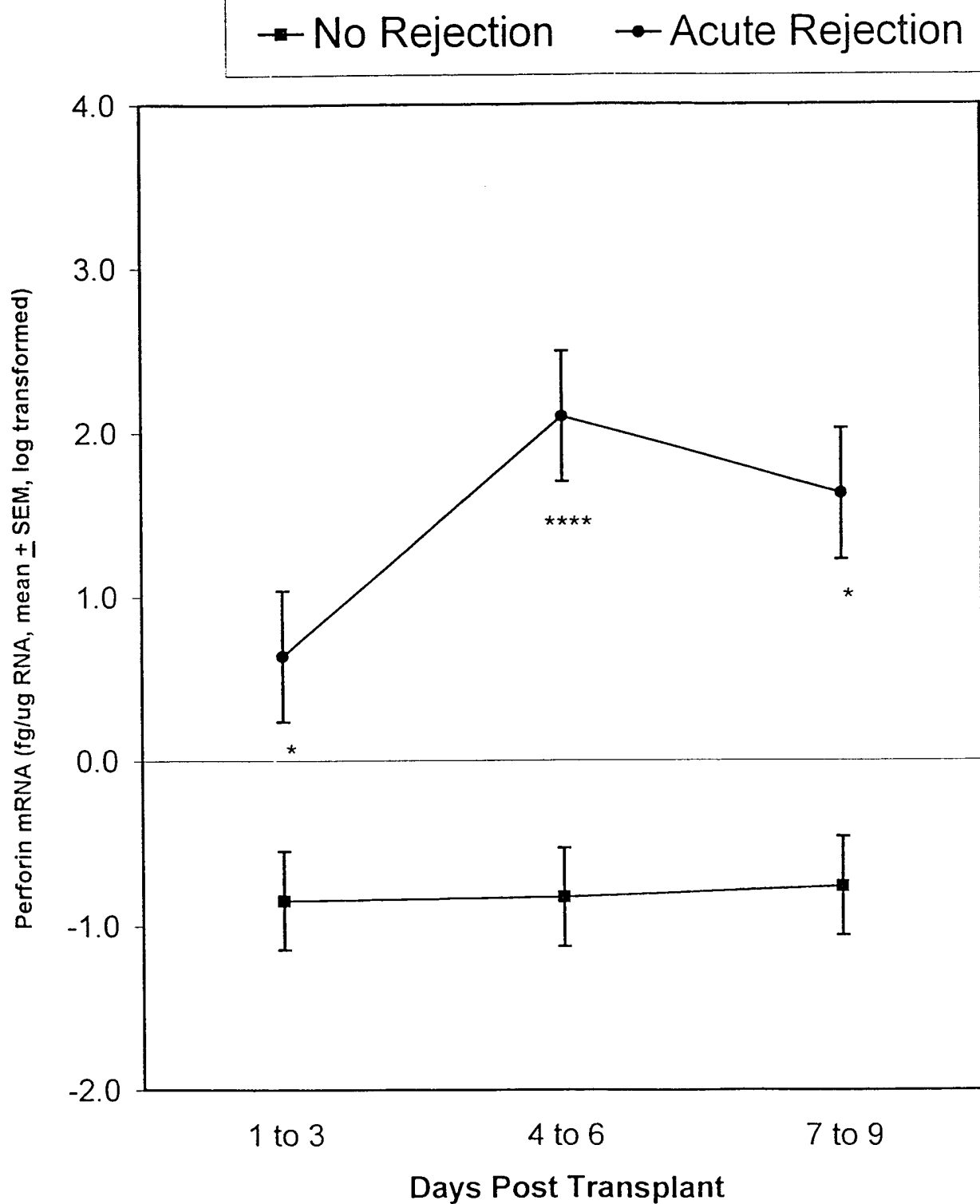


Figure 6A

B. Granzyme B mRNA

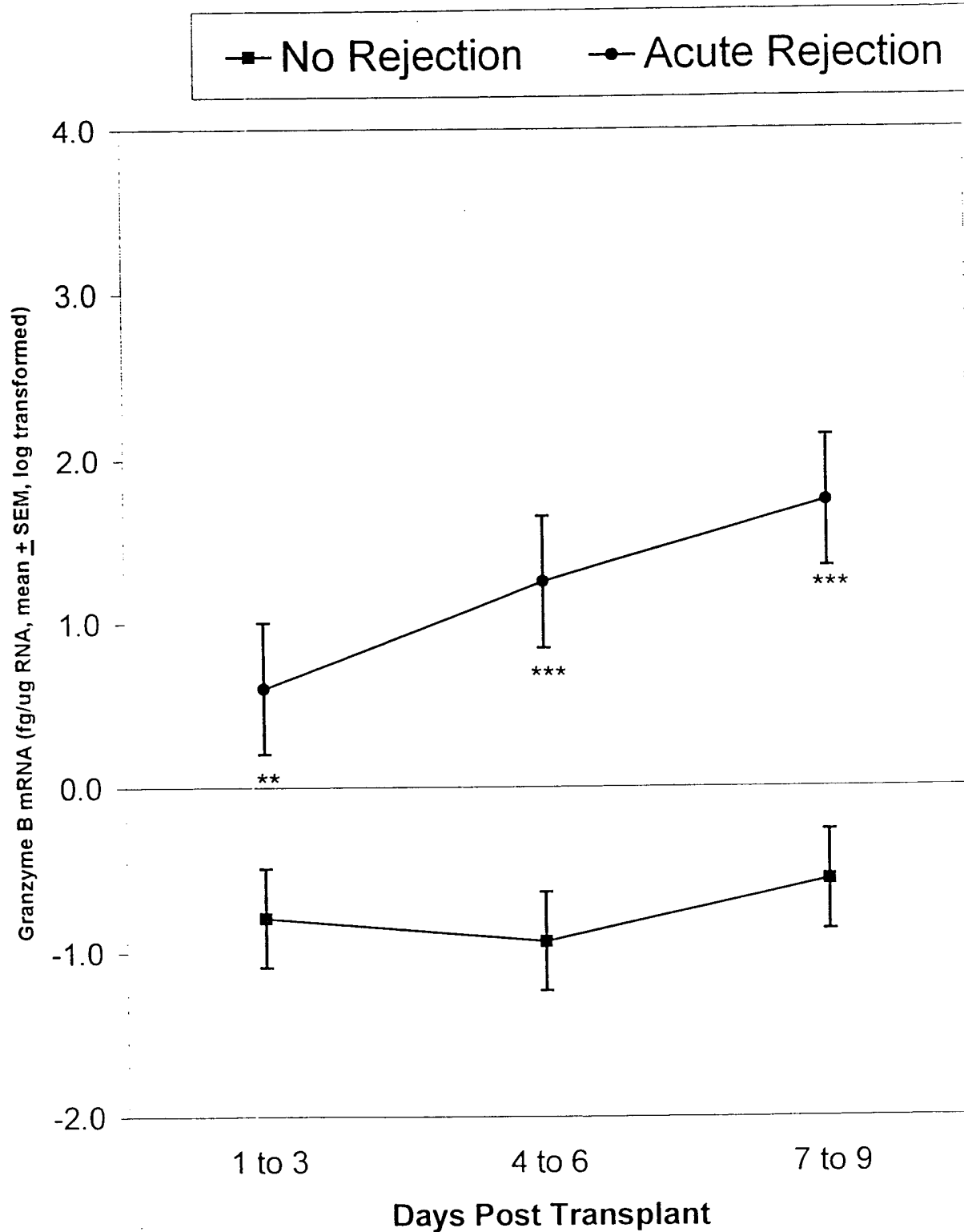


Figure 6B

C. Cyclophilin B mRNA

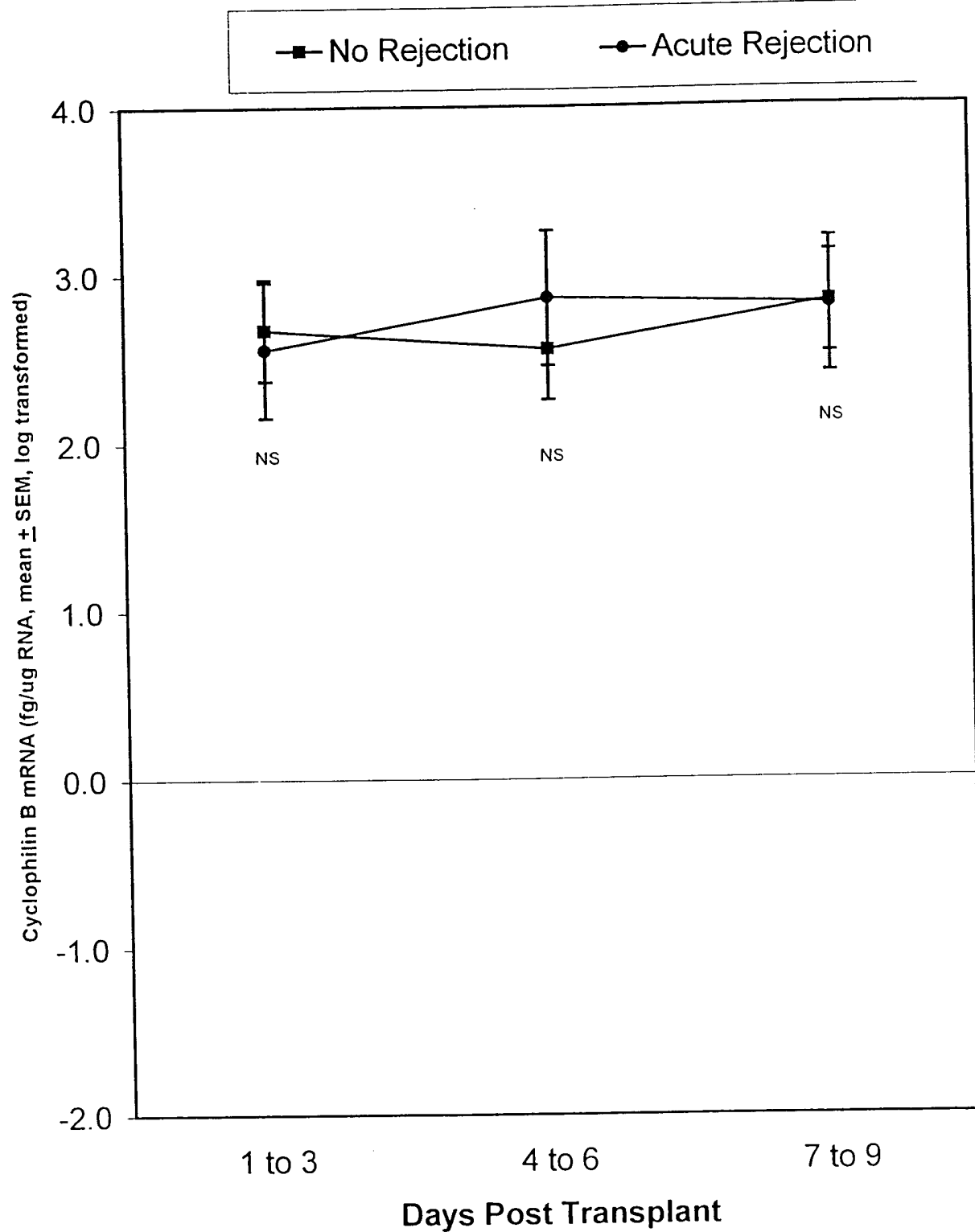


Figure 6C

105020 23 22 21

WT band
CT band

Figure 8A

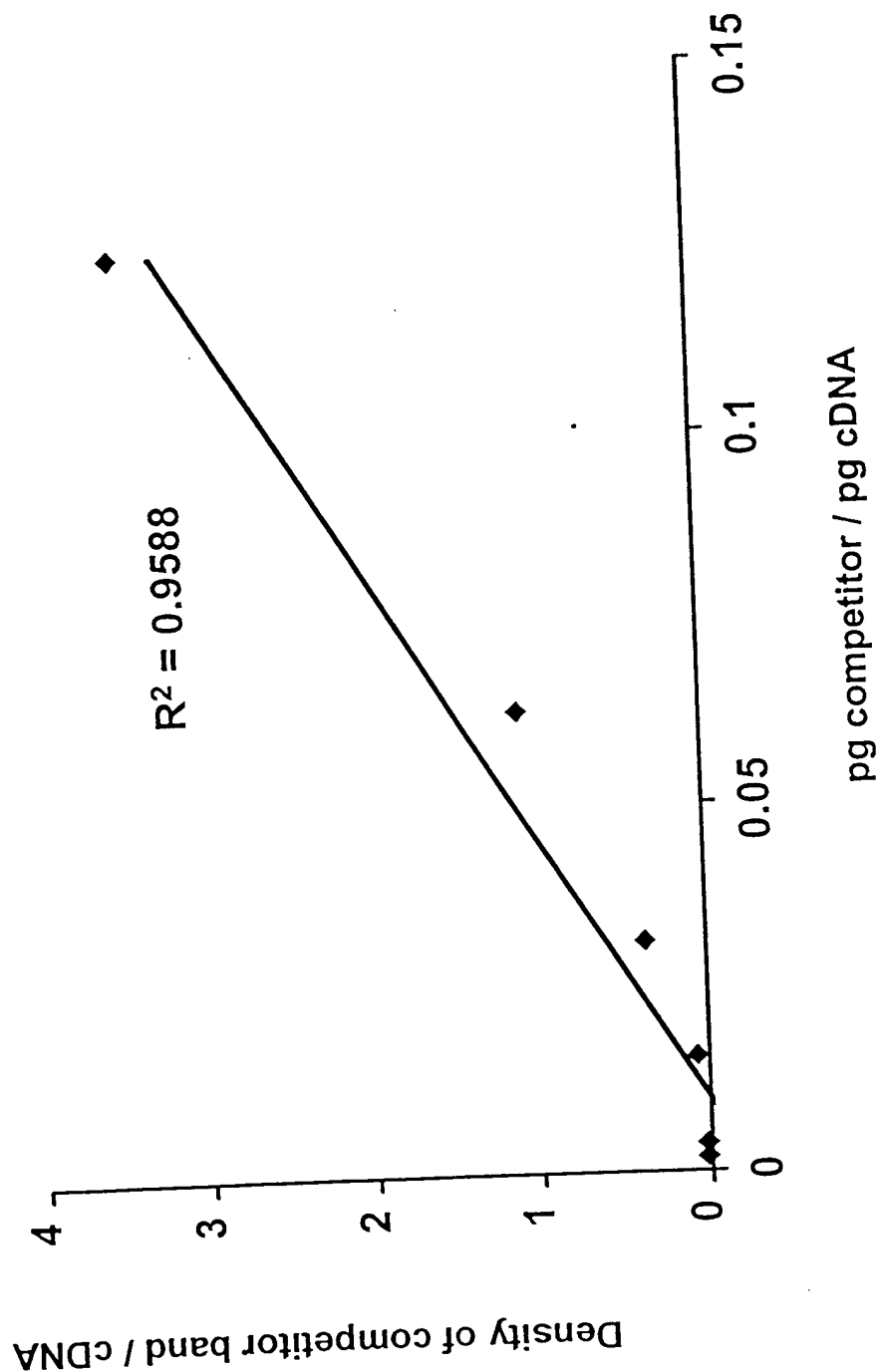


Figure 8B

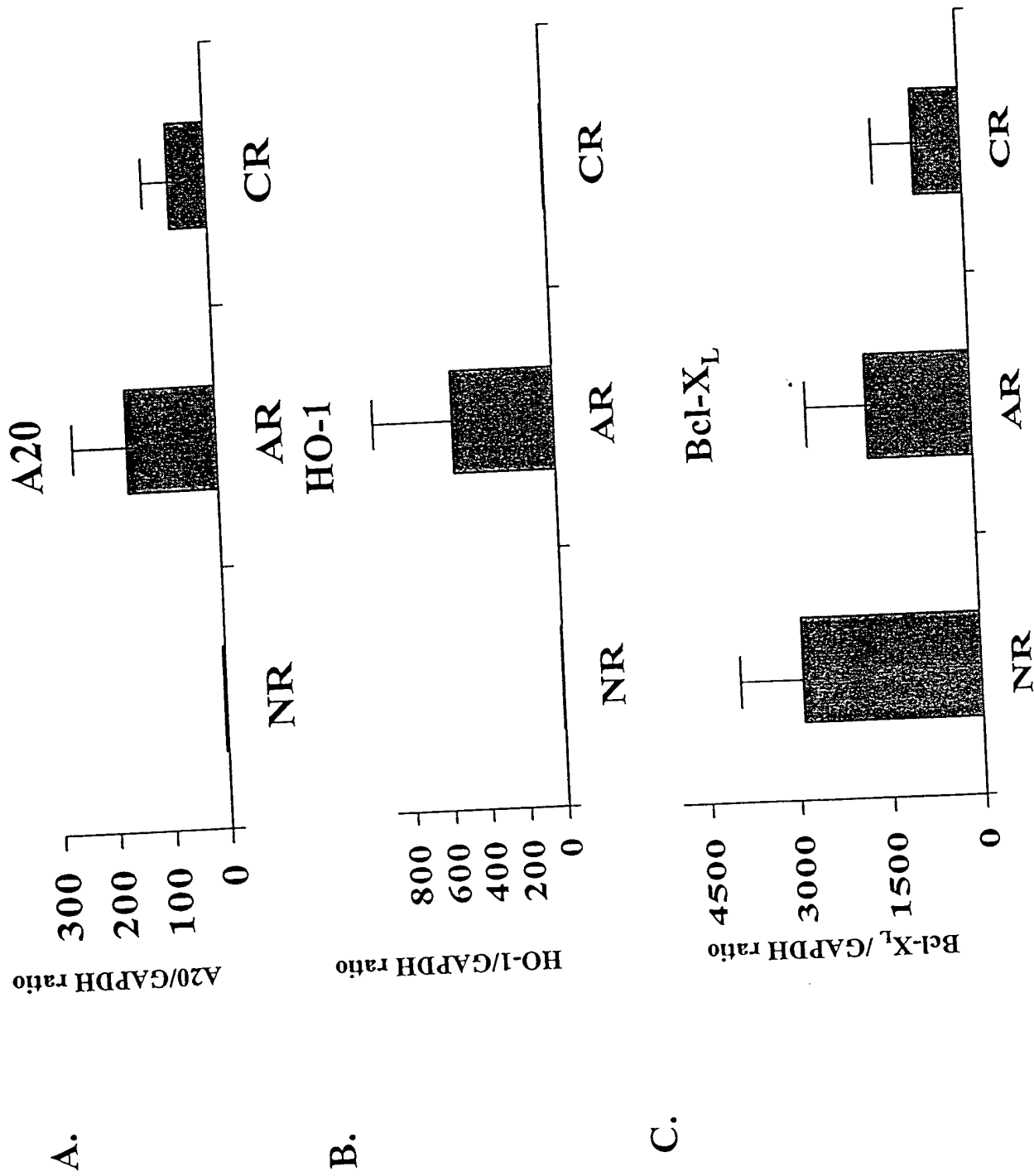


Figure 9

Figures 10 A - C

A20 protein is localized in endothelial & infiltrating cells of rejected graft

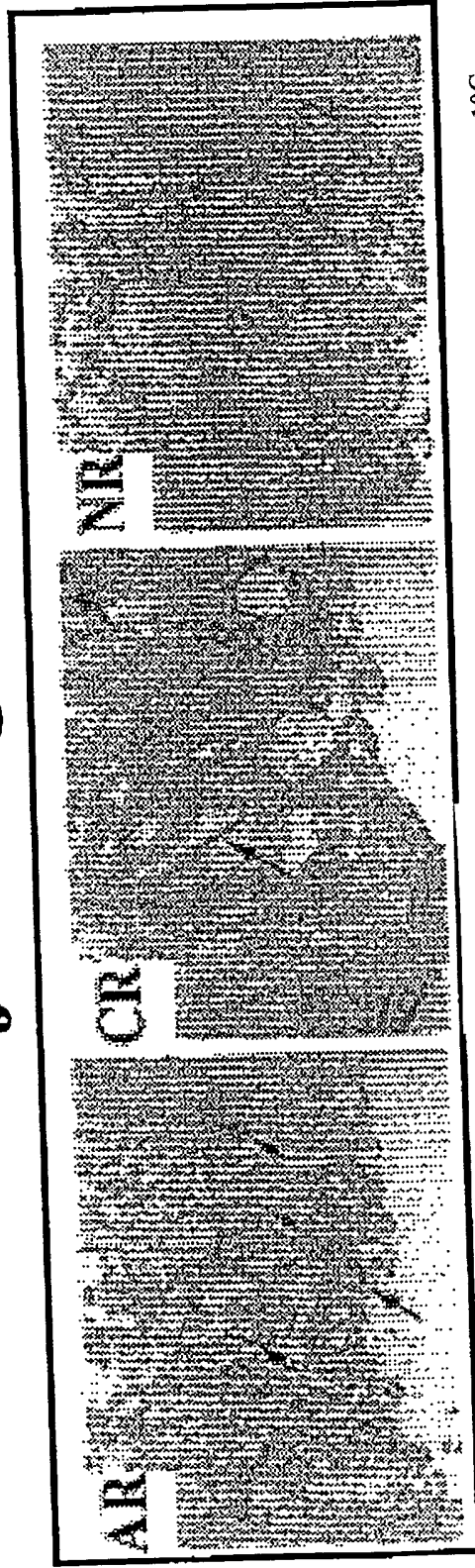


Figure 10C

Figure 10B

	AR	CR	NR
	acute rejection	chronic rejection	nonrejection
A20	+	+	-
endothelial	+	+	-
infiltrating	+	+	-

Figure 10A

A20
endothelial
infiltrating

Figures 10 D - F

HO-1 protein is localized in endothelial & infiltrating cells of rejected graft

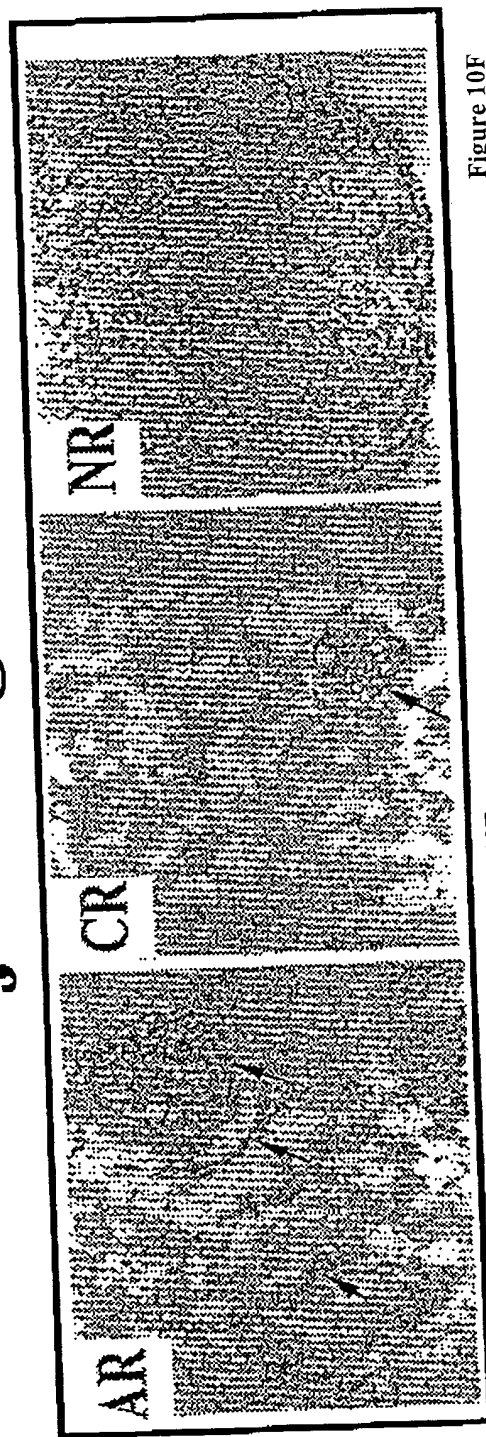


Figure 10F

Figure 10E

HO-1	Figure 10D			Figure 10E			Figure 10F		
	AR	acute rejection		CR	chronic rejection		NR	nonrejection	
endothelial	+	+		-	-		-	-	
tubular	+	+		-	-		-	-	
infiltrating	+	+		-	-		-	-	

Figures 10 G - I

Bcl-X_L protein is localized in endothelial cells

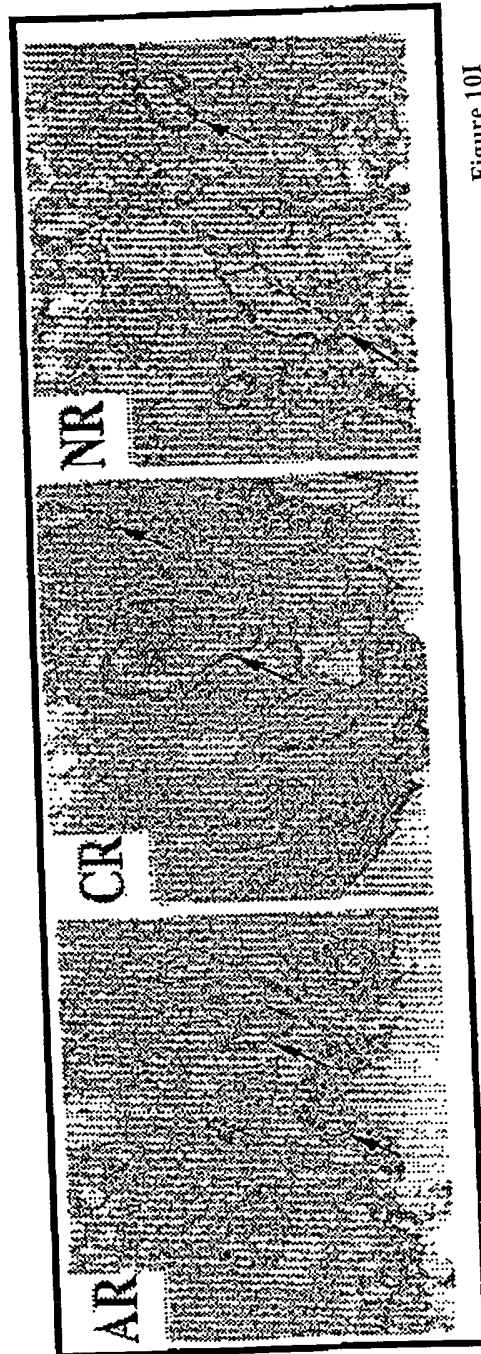


Figure 10G

AR

acute rejection

+

Bcl-X_L
endothelial

Figure 10H

CR

chronic rejection

+

Figure 10I

NR

nonrejection

+